

1/16

FIGURE 1A

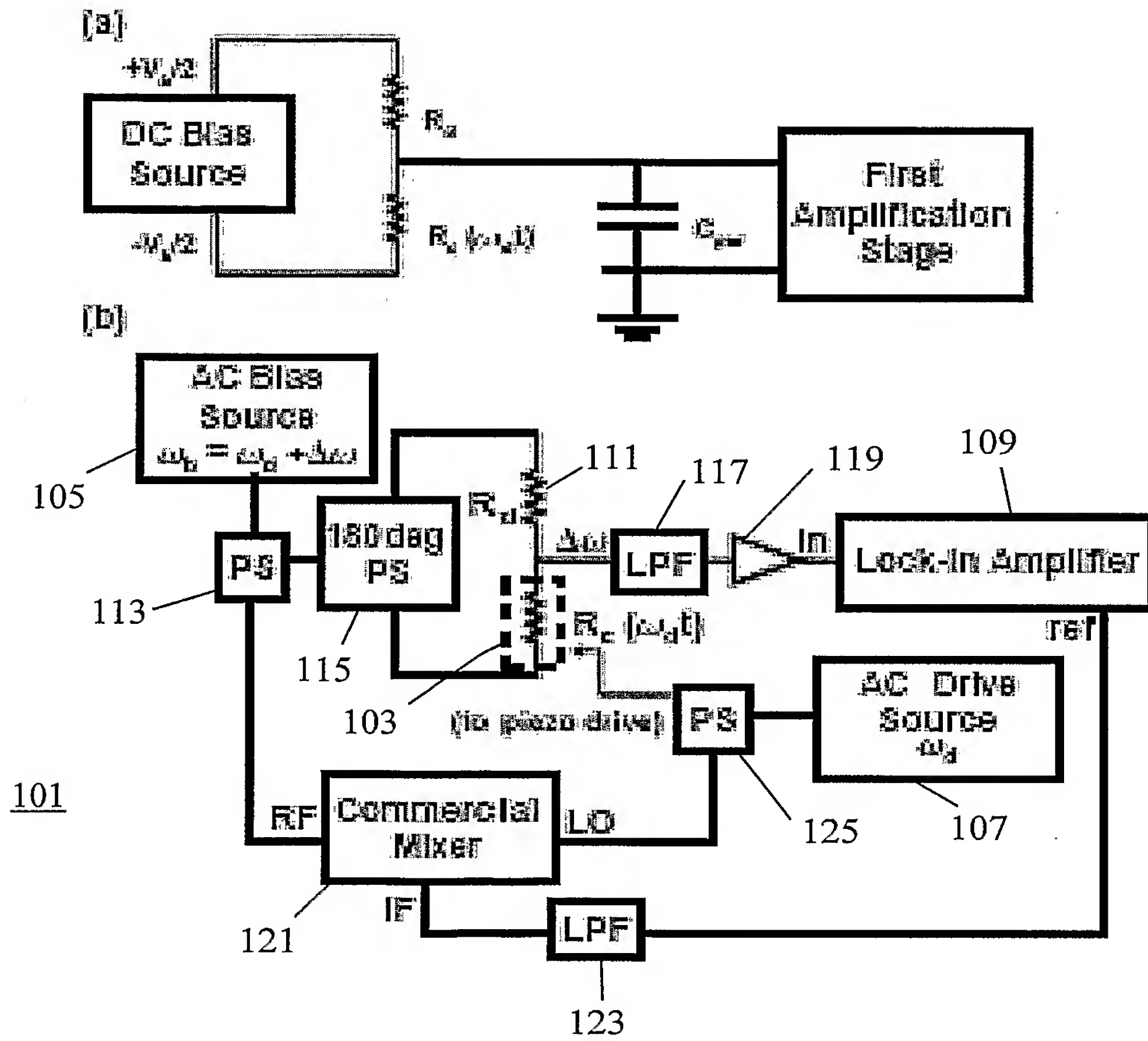
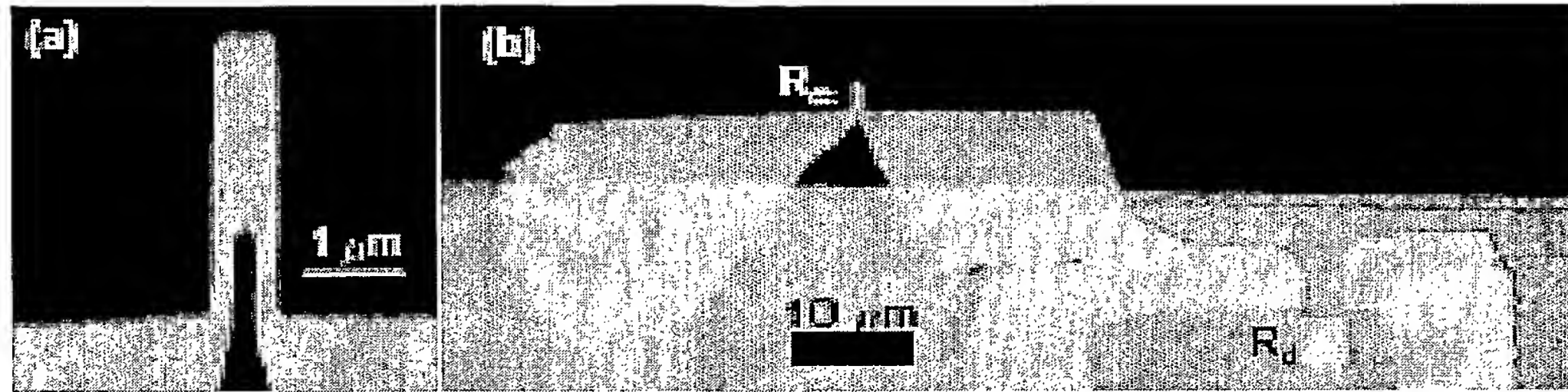


FIGURE 1B

FIGURE 2A

FIGURE 2B



3/16

FIGURE 3A

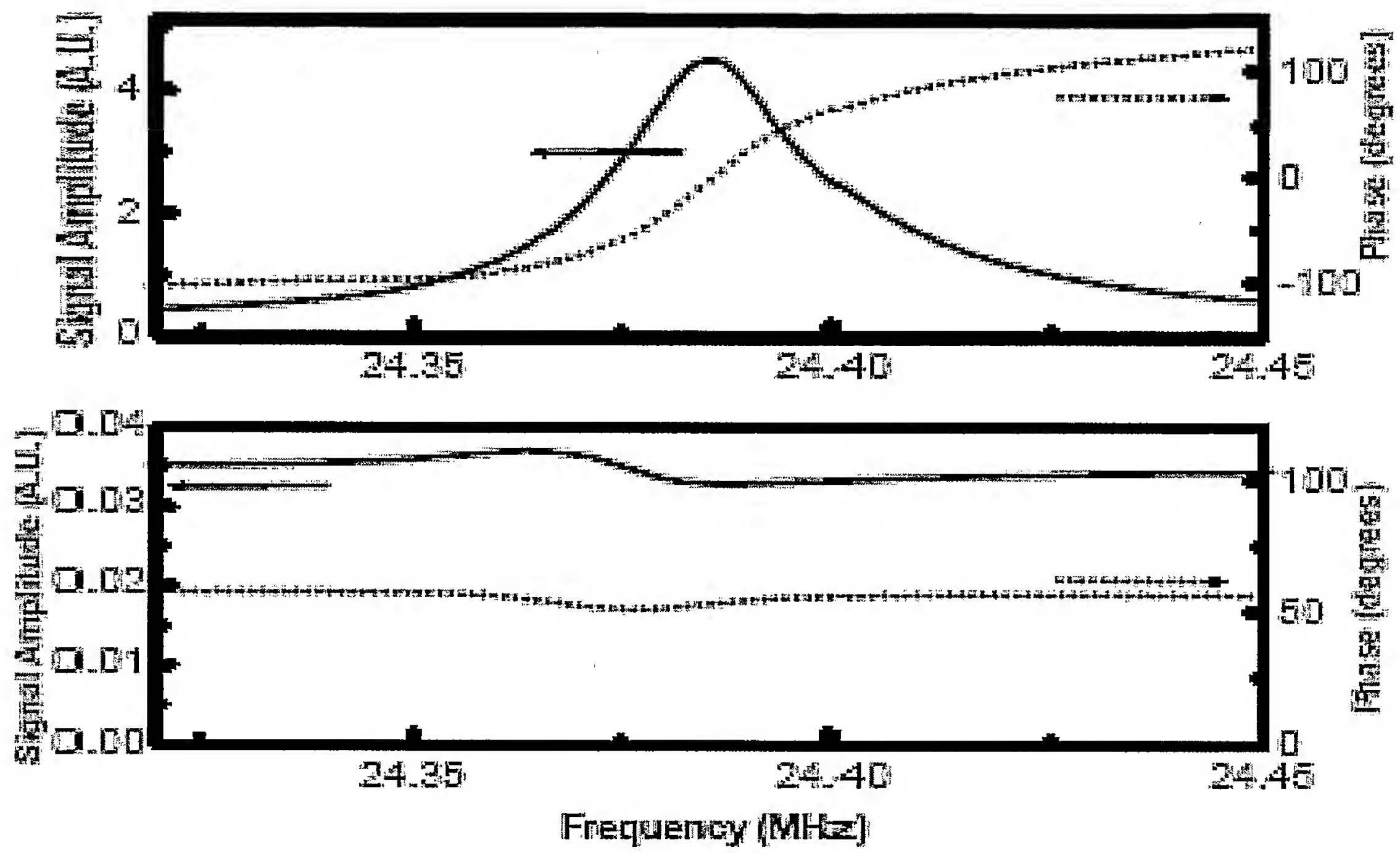
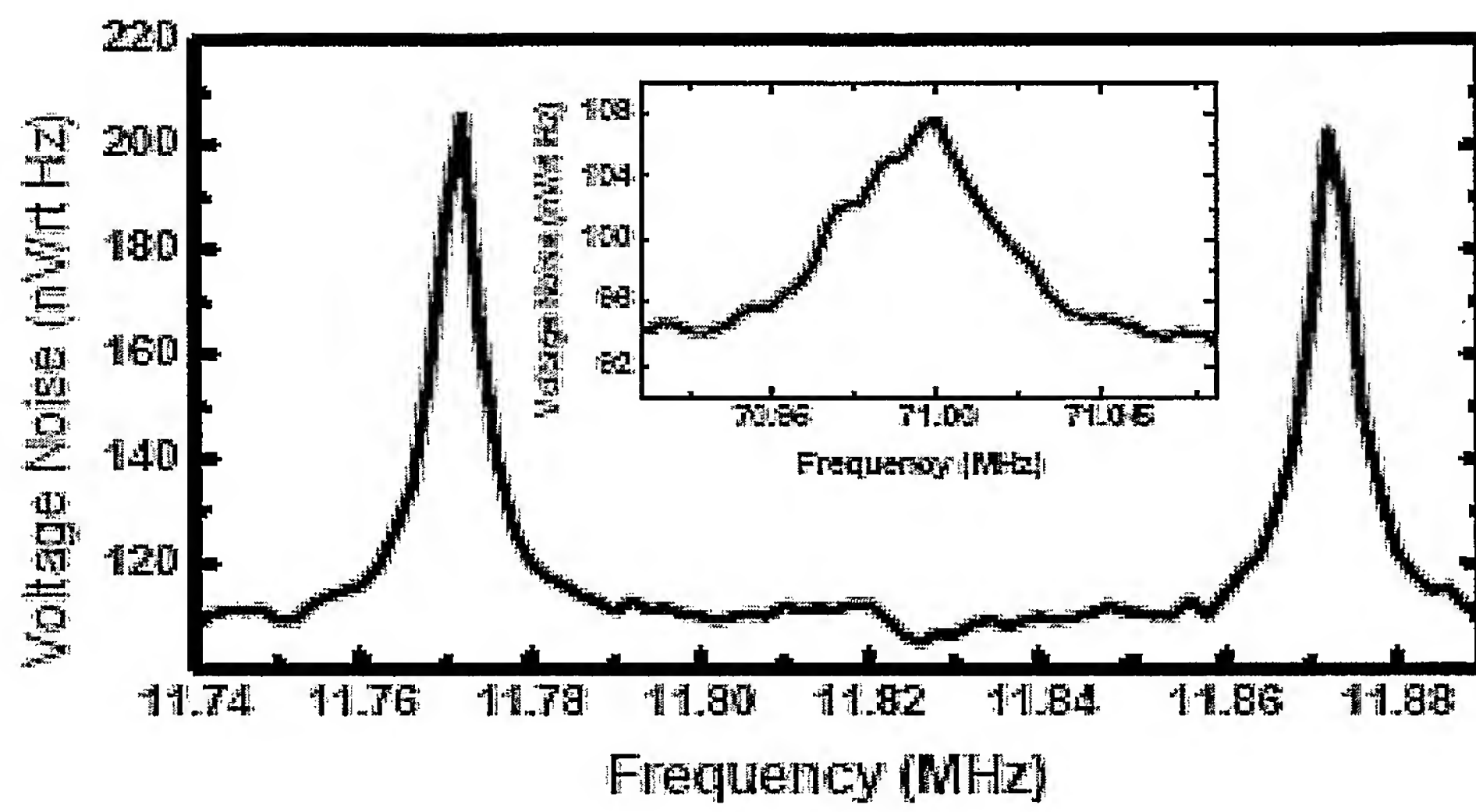


FIGURE 3B

4/16

FIGURE 4



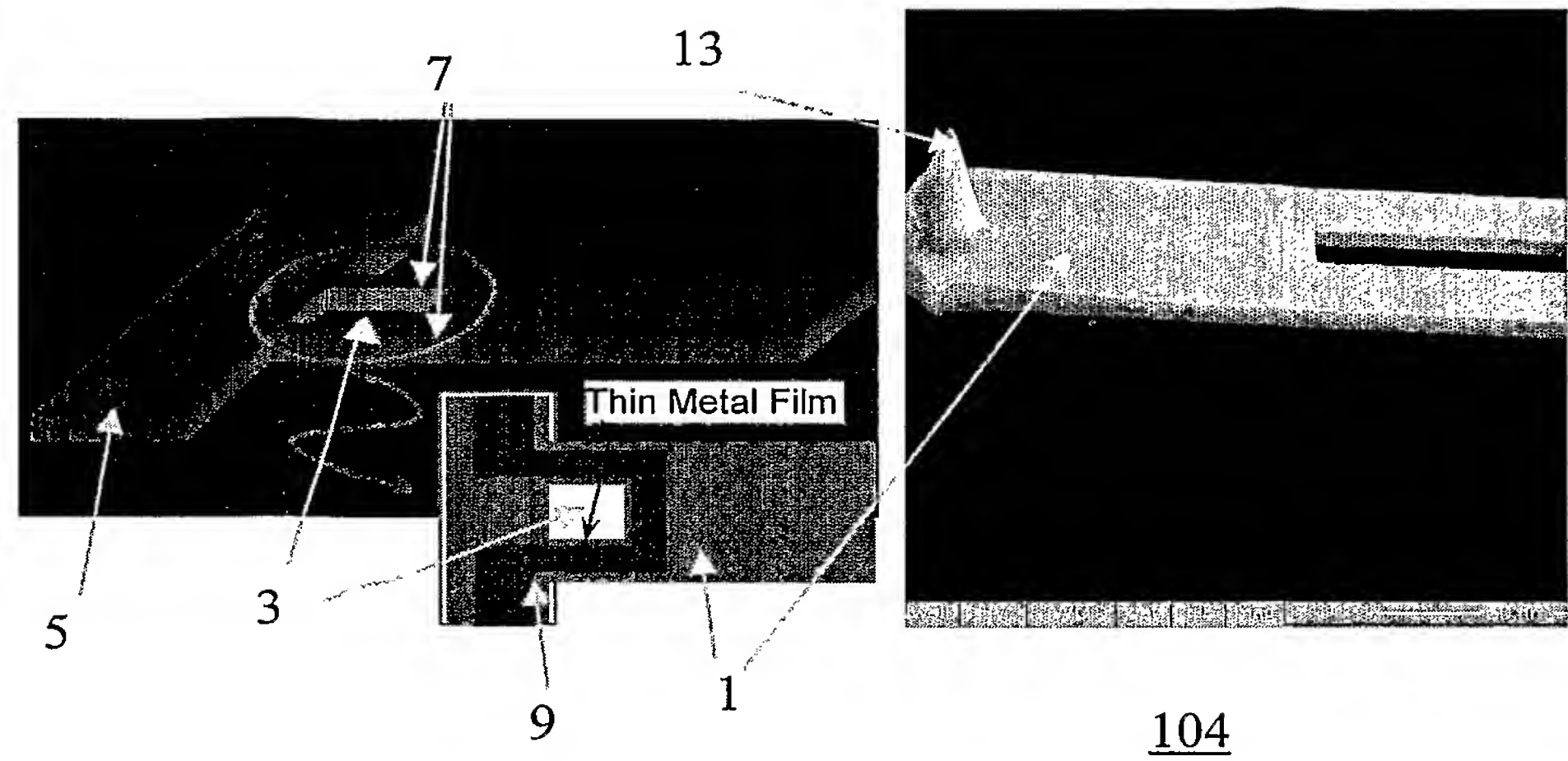


FIGURE 5a

FIGURE 5b

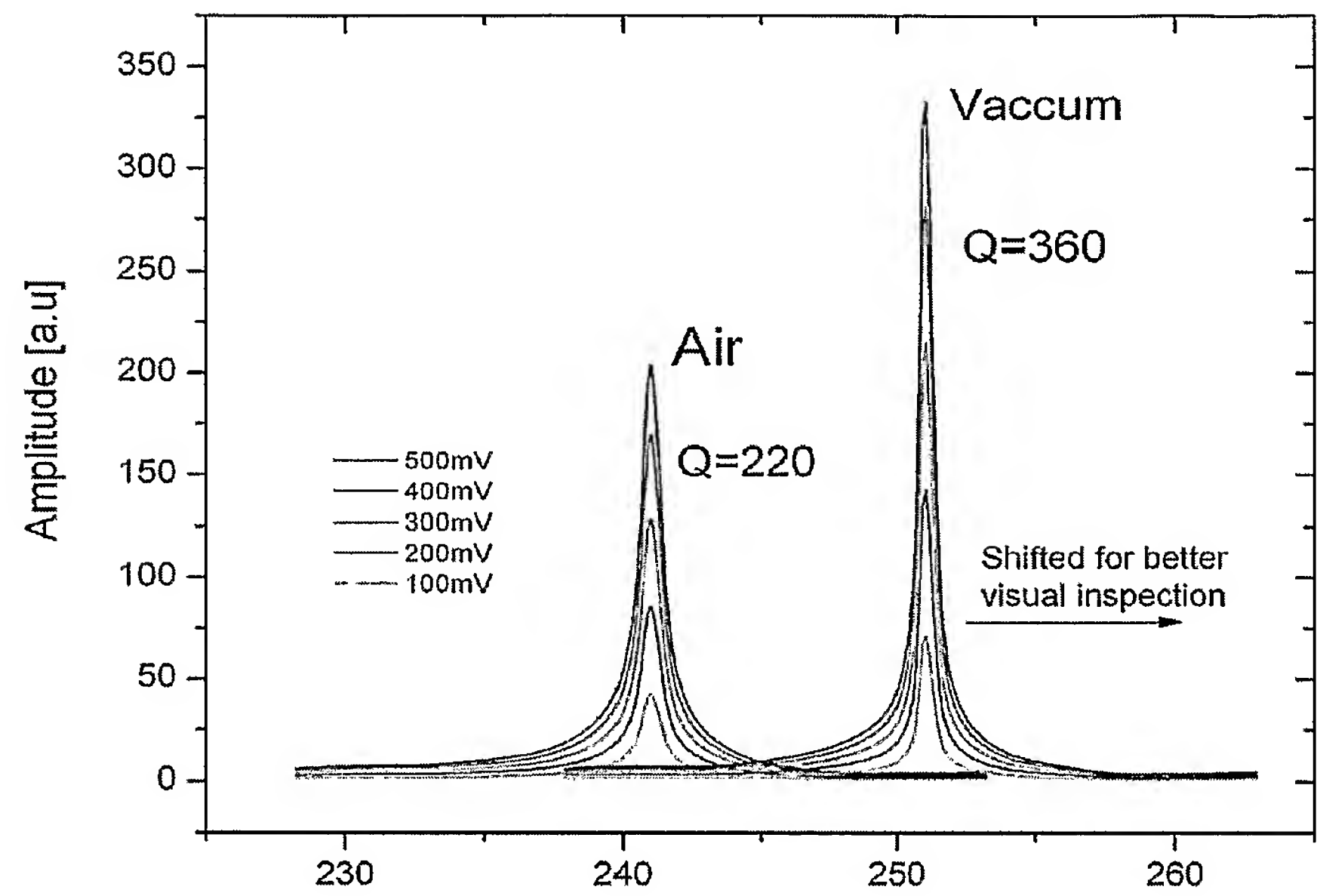


FIGURE 6

7/16

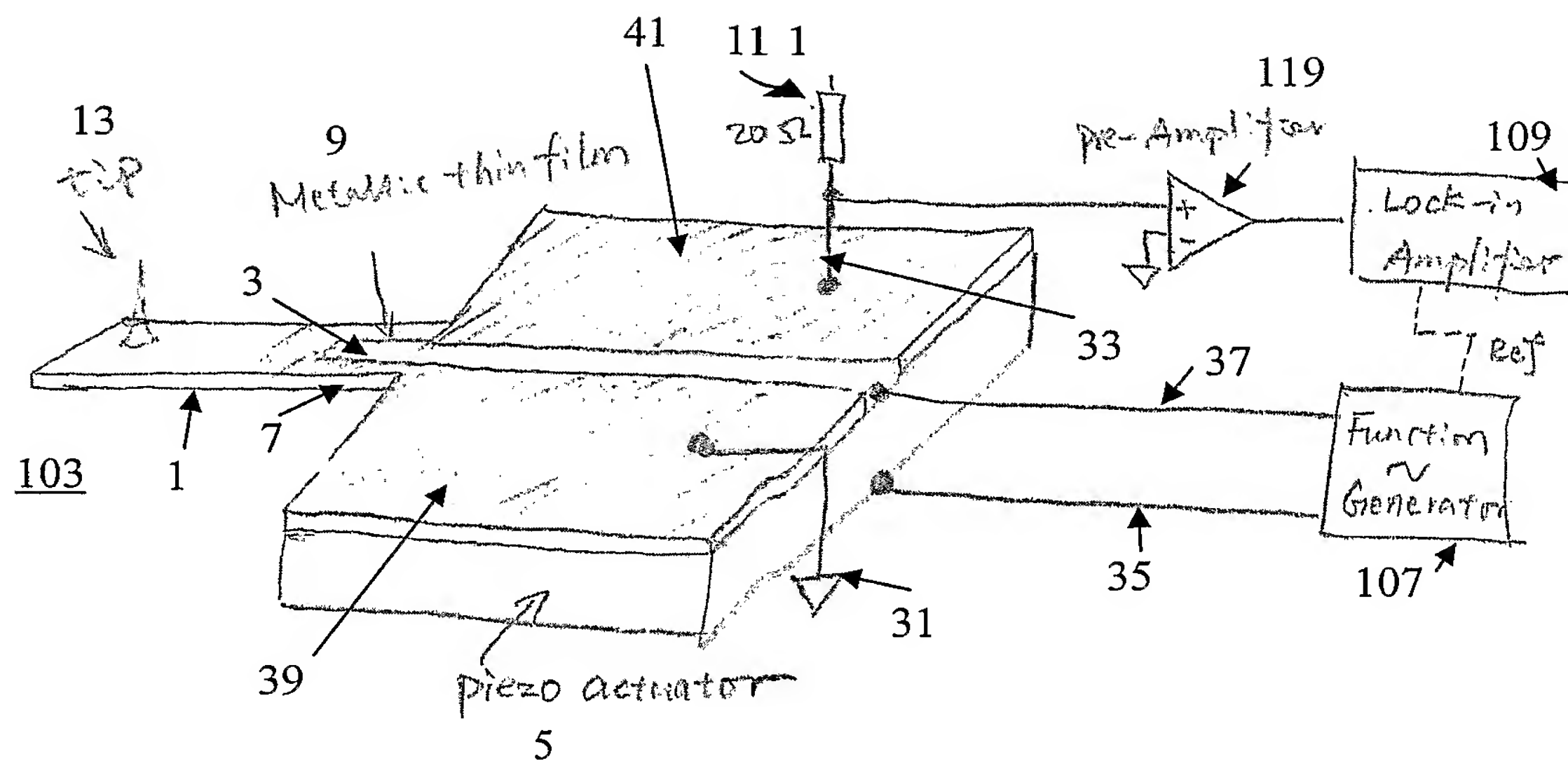


FIGURE 7A

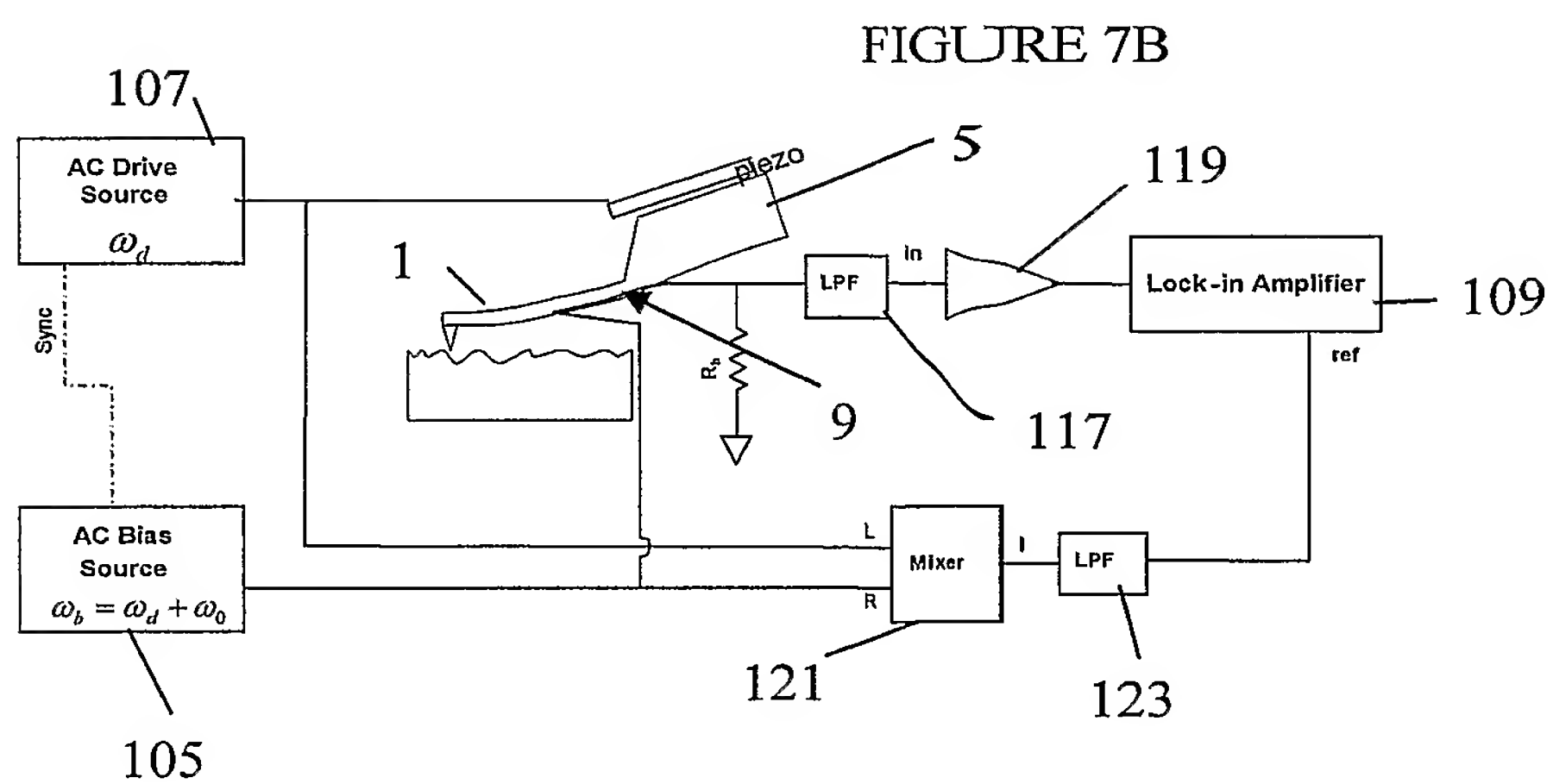


FIGURE 7B

8/16

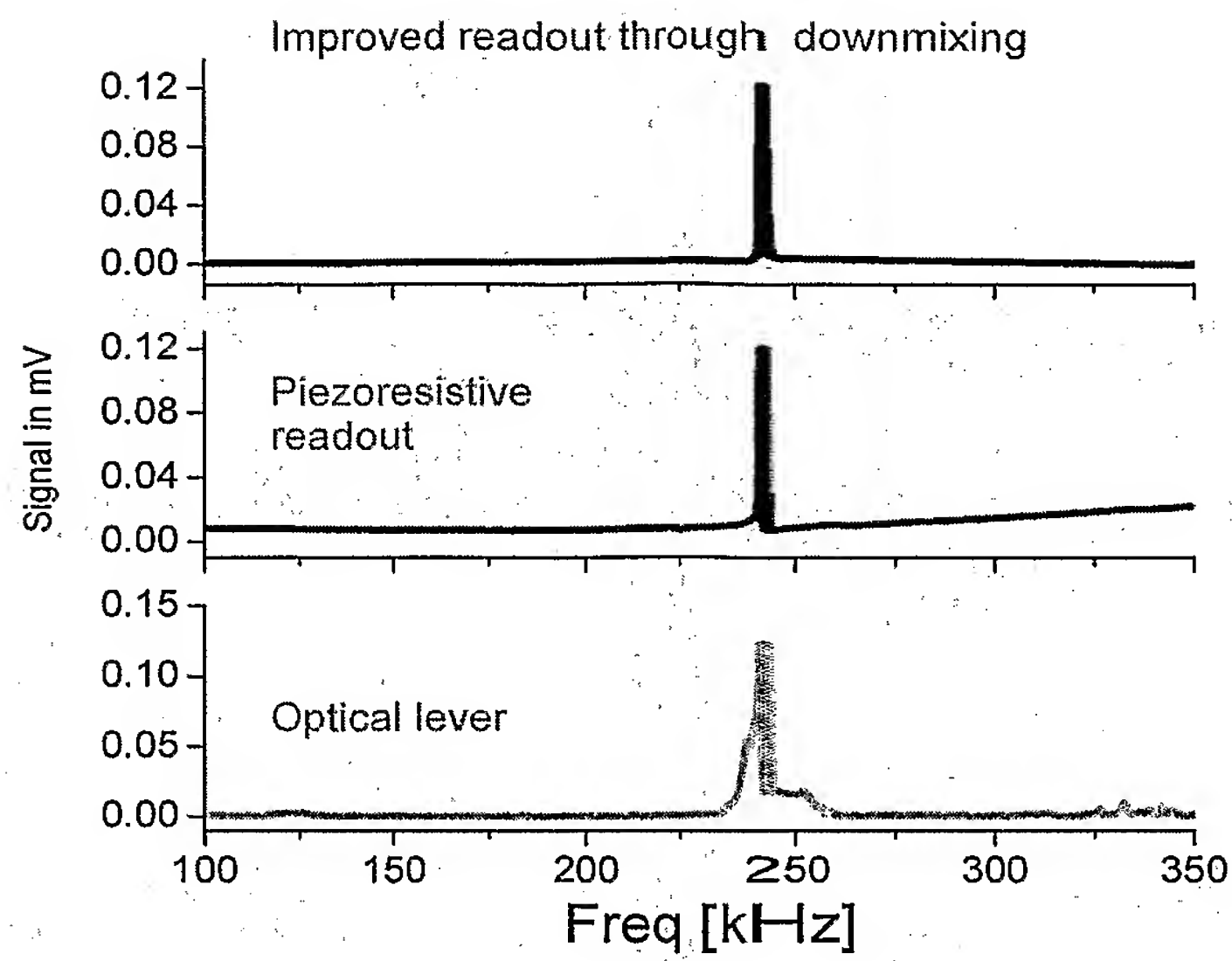


FIGURE 8



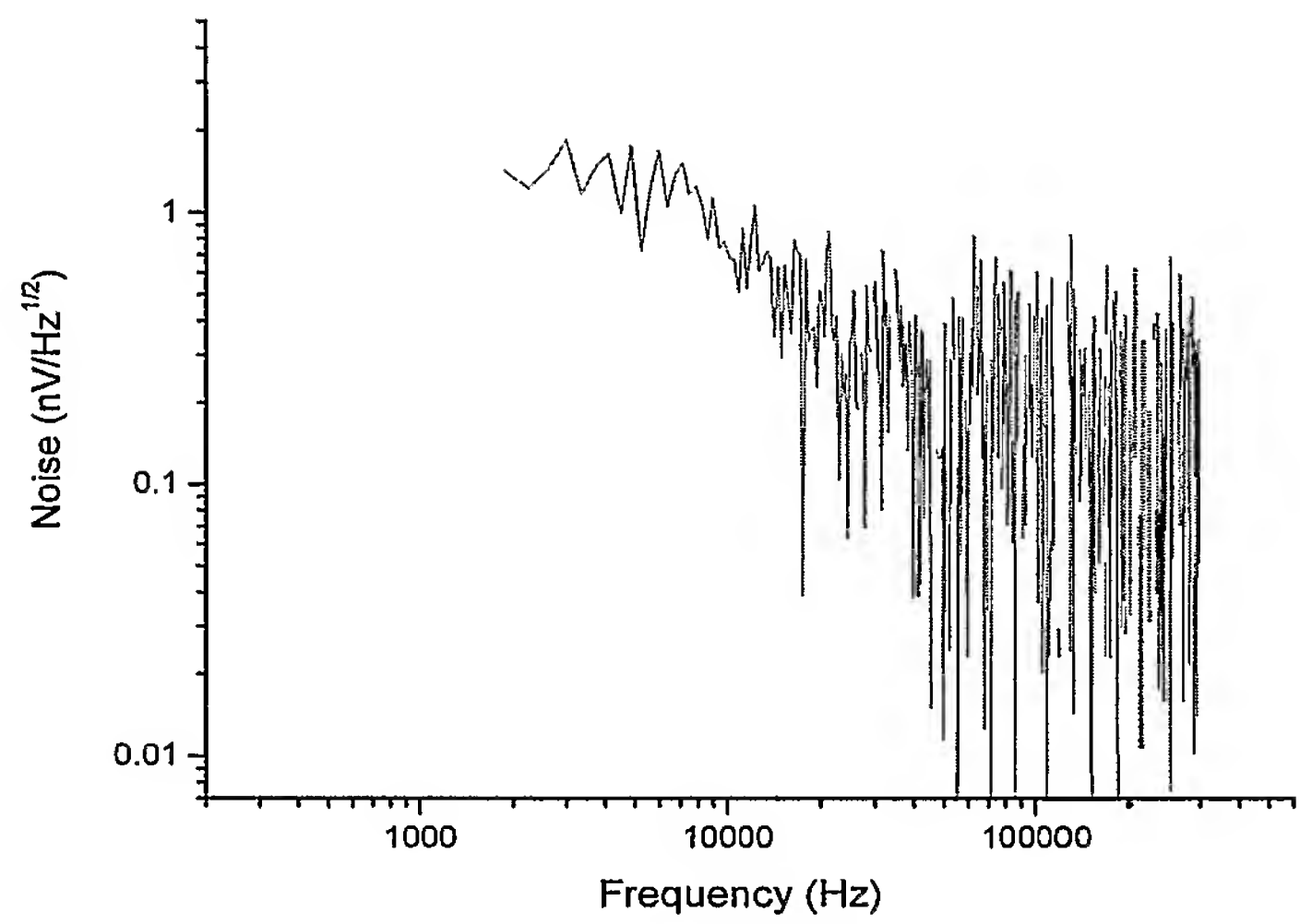


FIGURE 9

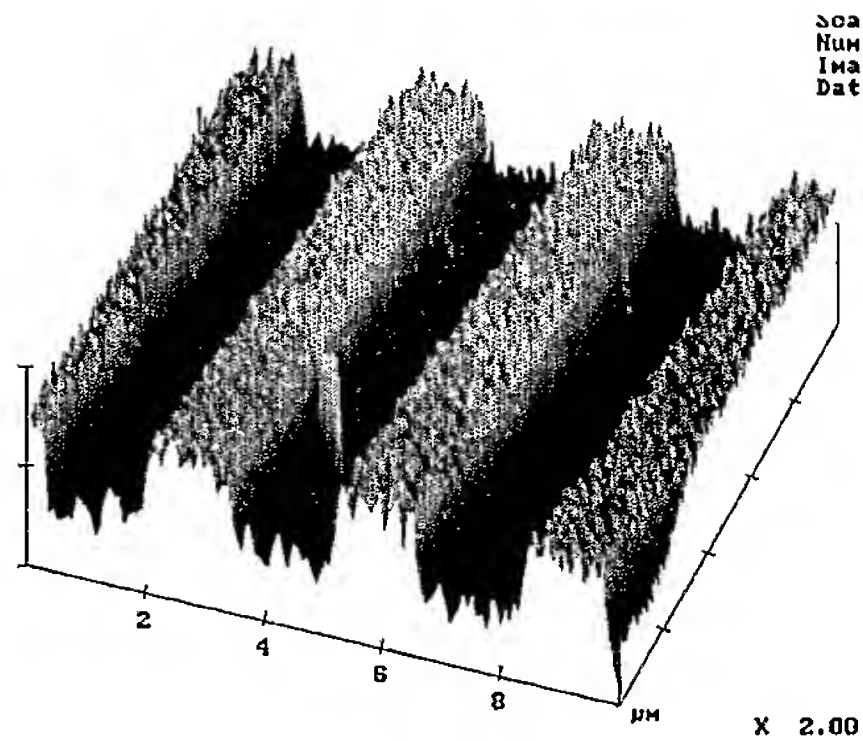


FIGURE 10A

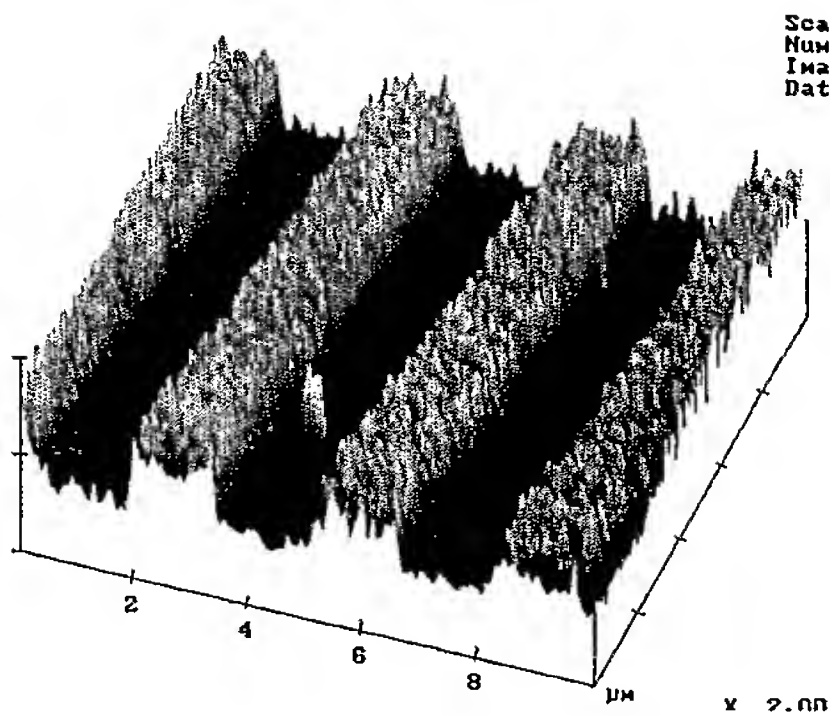


FIGURE 10B

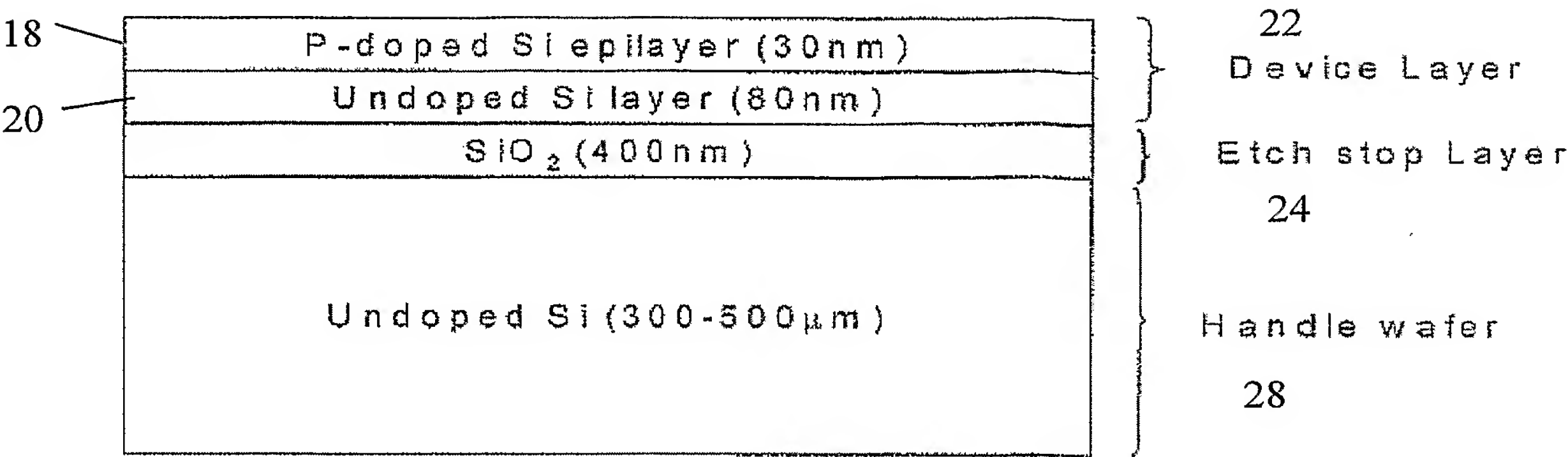


FIGURE 11

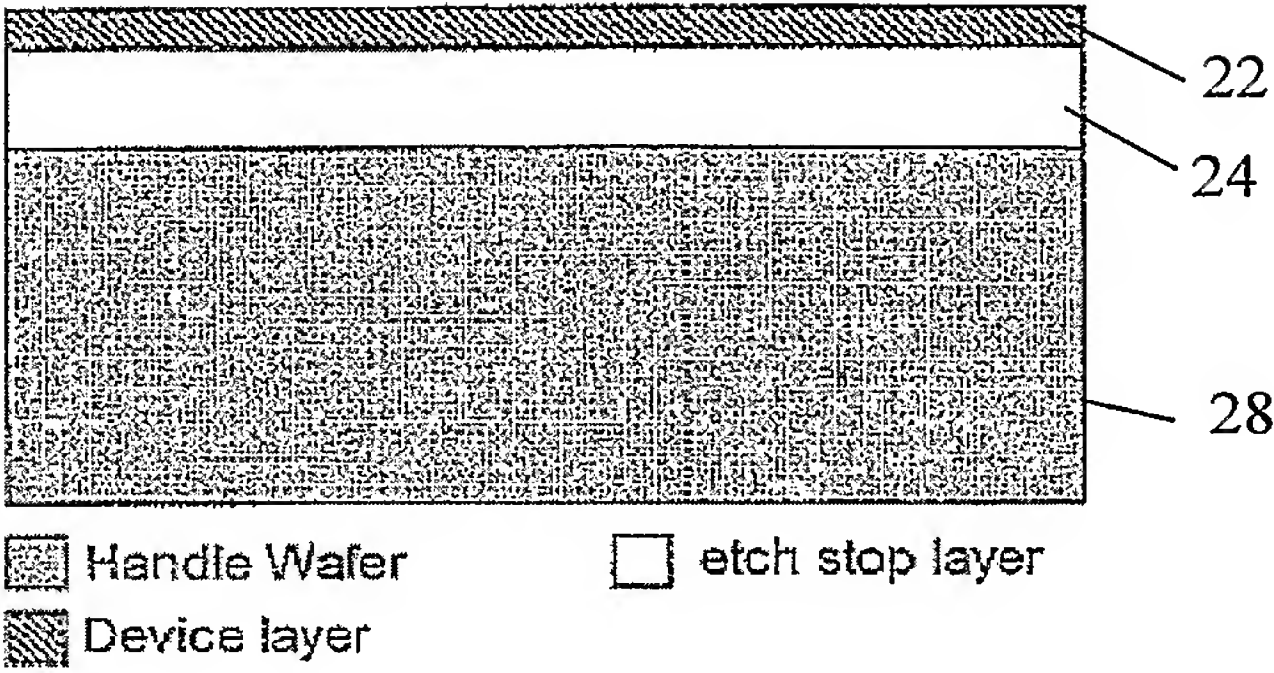


FIGURE 12A

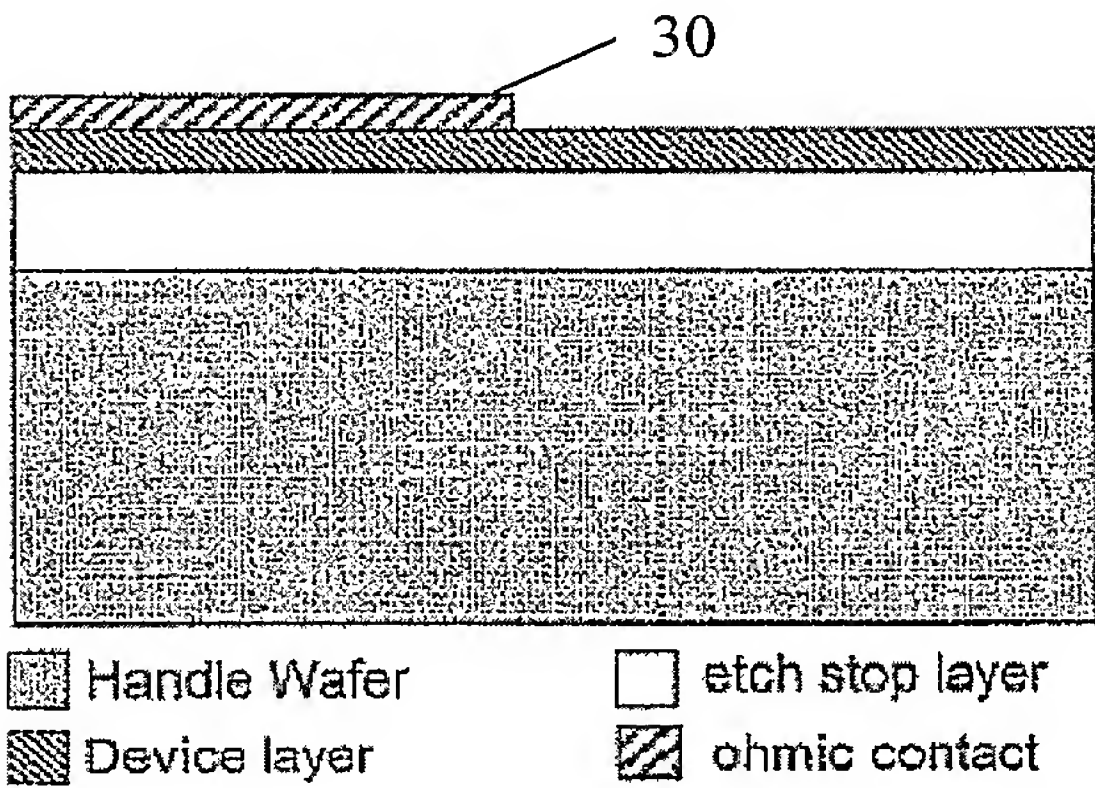


FIGURE 12B

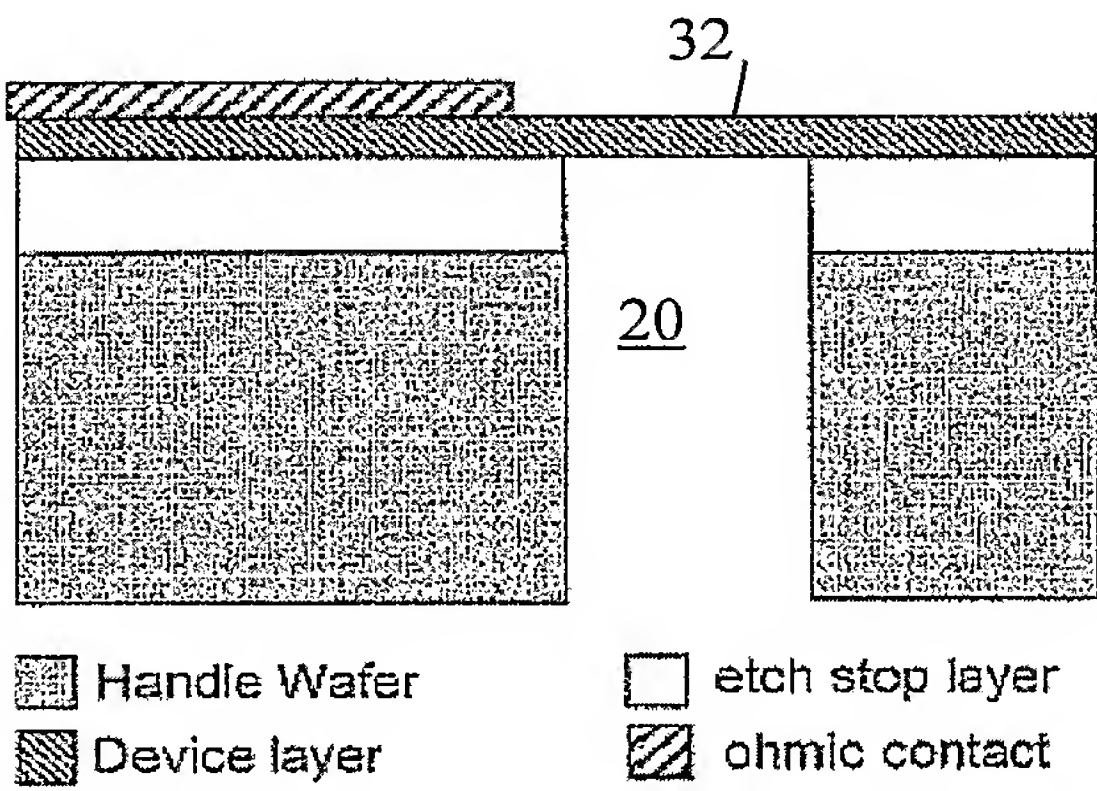


FIGURE 12C

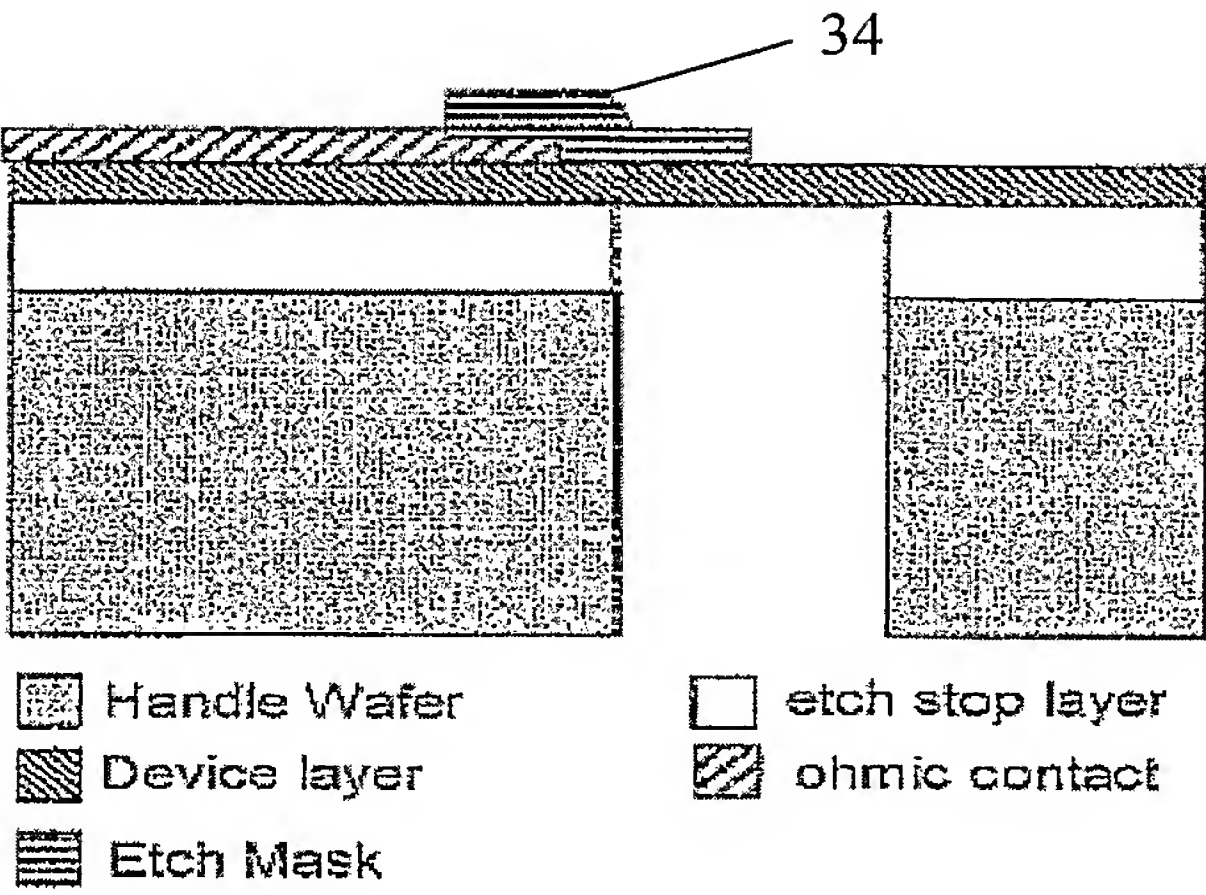


FIGURE 12D

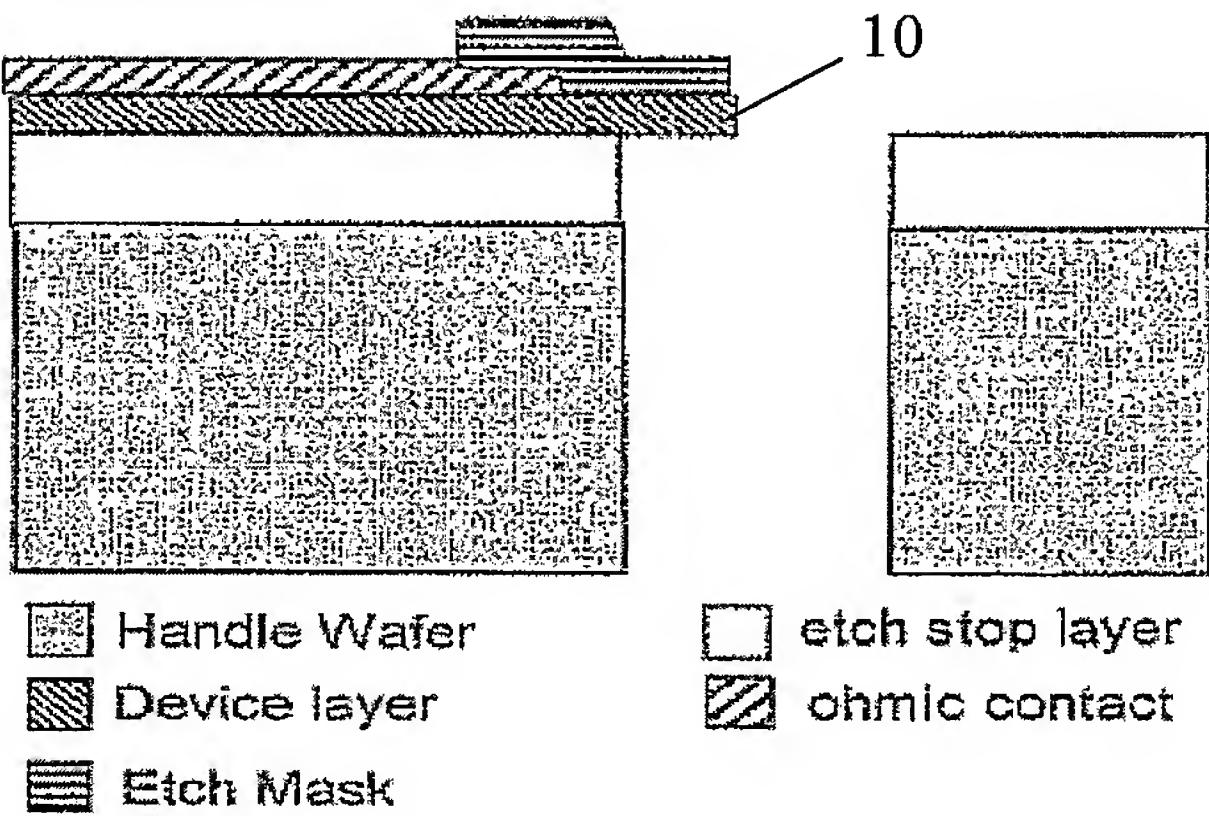


FIGURE 12E

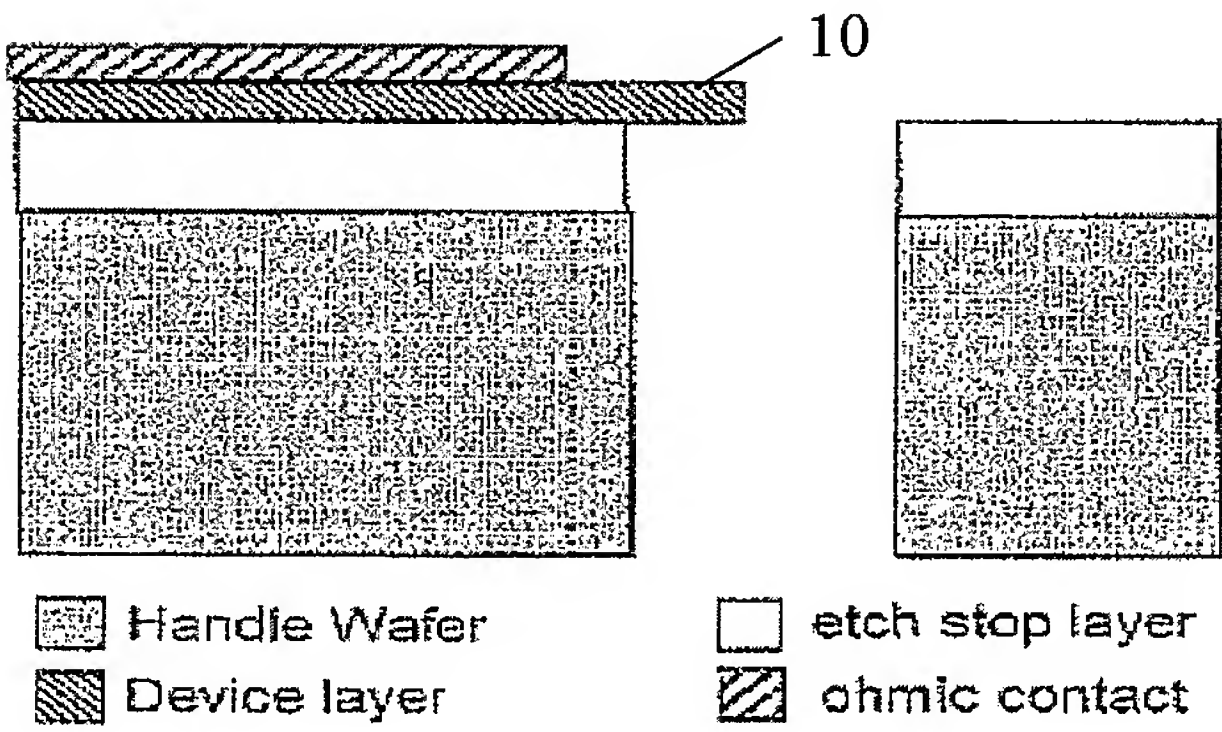


FIGURE 12F

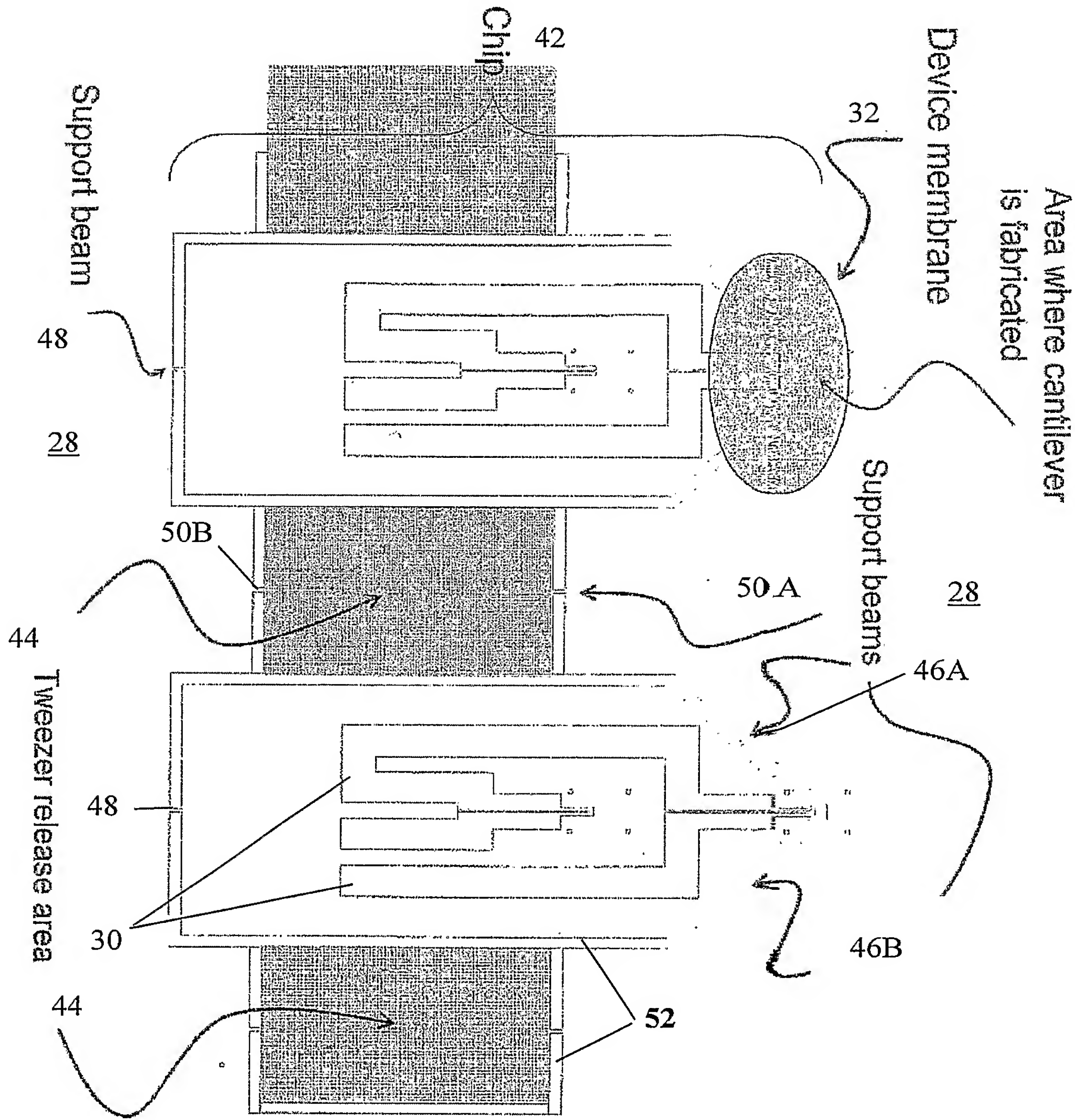


FIGURE 13



15/16

Top View: Fabricated cantilever in membrane

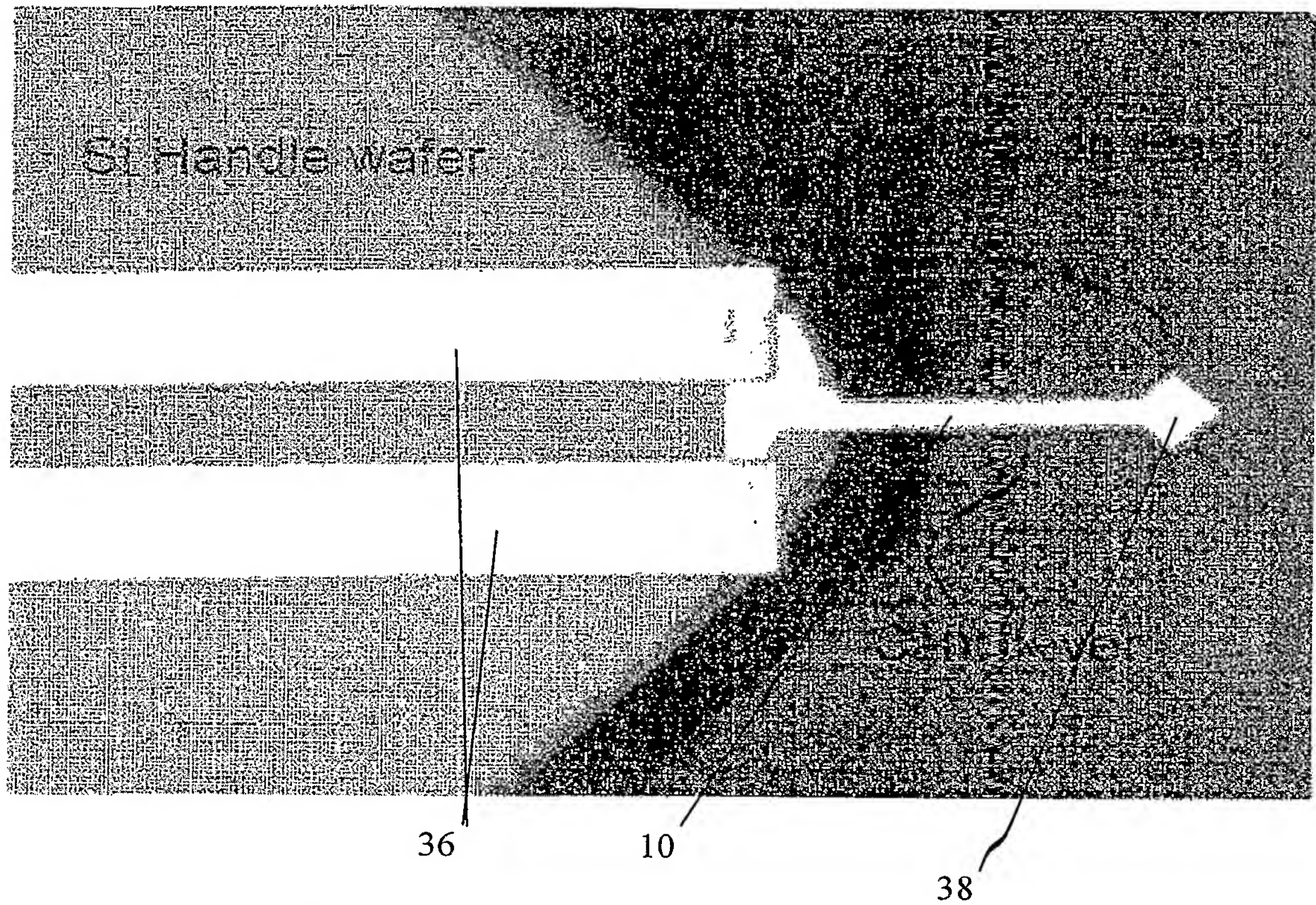
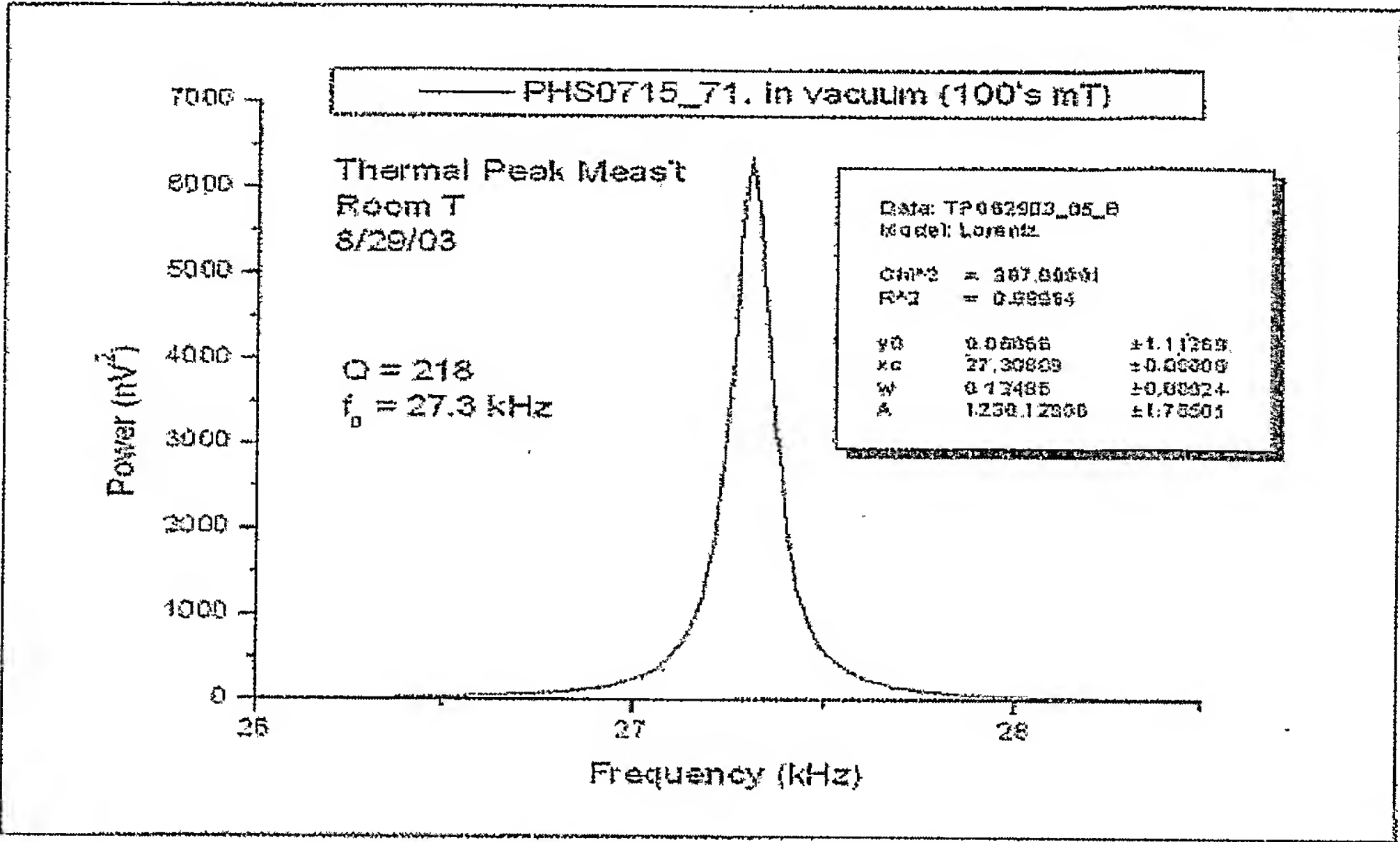


FIGURE 14

FIGURE 15

Thermally driven cantilever (optical transduction)



Thermally driven cantilever (piezoresistive transduction)

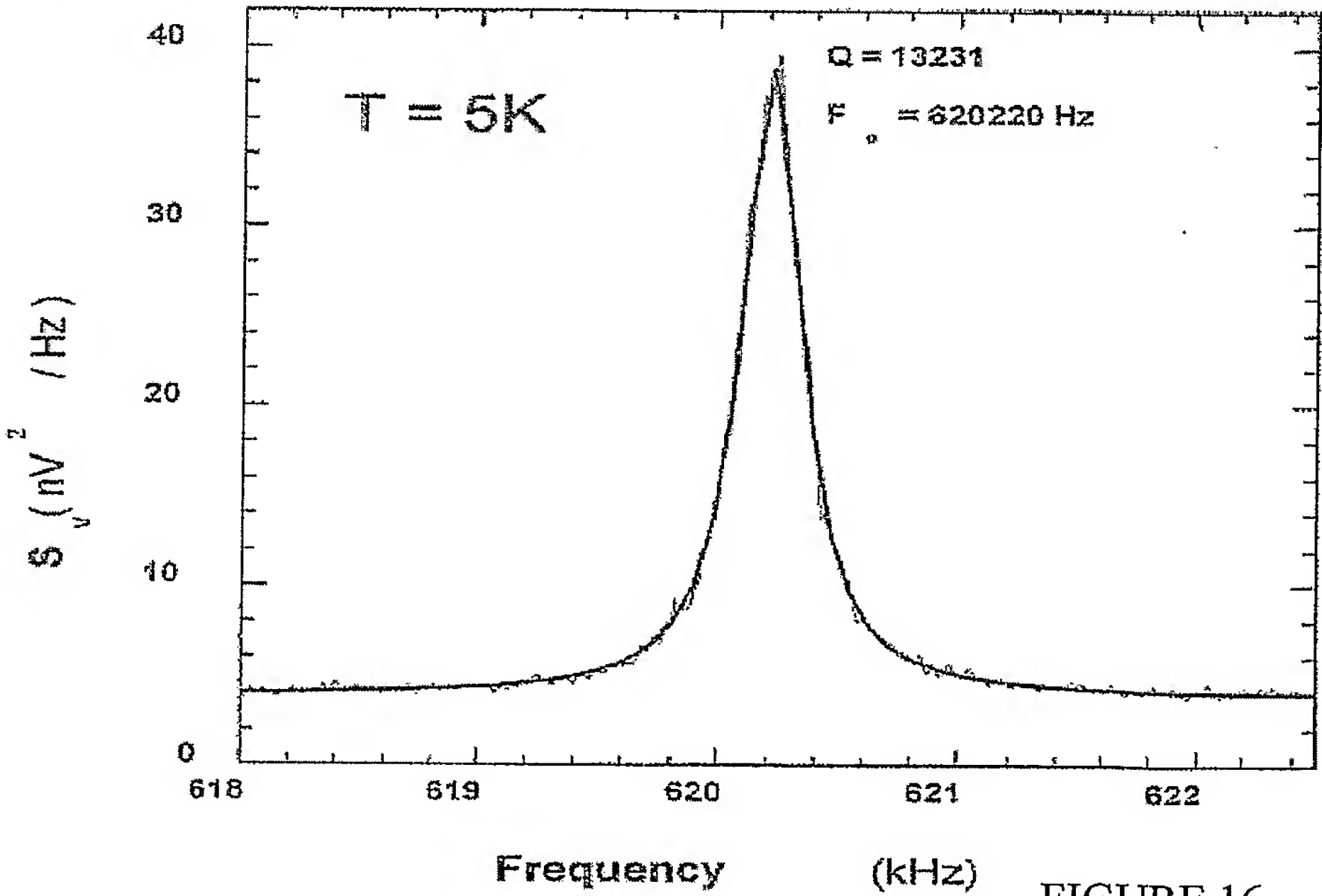


FIGURE 16